

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

[Rhot1^{tm1.2Jmsu}/Rhot1^{tm1.2Jmsu}](#)

RRID:MGI:5619349

Type: Organism

Proper Citation

RRID:MGI:5619349

Organism Information

URL:

Proper Citation: RRID:MGI:5619349

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal innervation, abnormal mitochondrial physiology, respiratory failure, decreased motor neuron number, cardiovascular system phenotype, abnormal phrenic nerve morphology, cyanosis, neonatal lethality, complete penetrance, abnormal brainstem morphology

Affected Gene: Rhot1

Genomic Alteration: tm1.2Jmsu

Catalog Number: 5619349

Background: involves: 129 * 129S1/Sv * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25136135](#)

Organism Name: Rhot1^{tm1.2Jmsu}/Rhot1^{tm1.2Jmsu}

Record Creation Time: 20240120T190033+0000

Record Last Update: 20240130T201657+0000

Ratings and Alerts

No rating or validation information has been found for Rhot1^{tm1.2Jmsu}/Rhot1^{tm1.2Jmsu}.

No alerts have been found for Rhot1^{tm1.2Jmsu}/Rhot1^{tm1.2Jmsu}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.